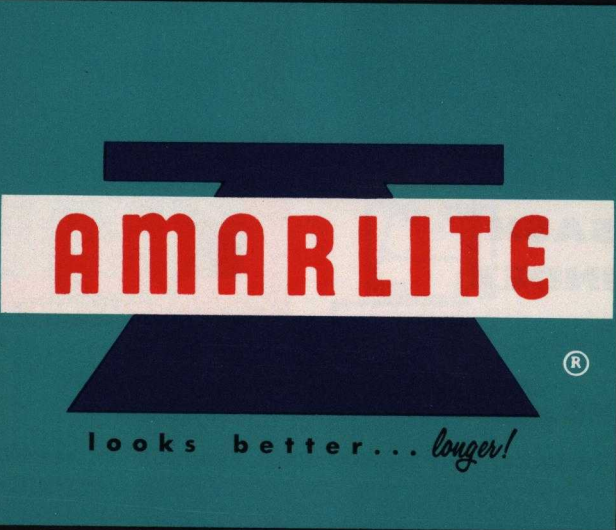


aluminum store fronts



AMARLITE

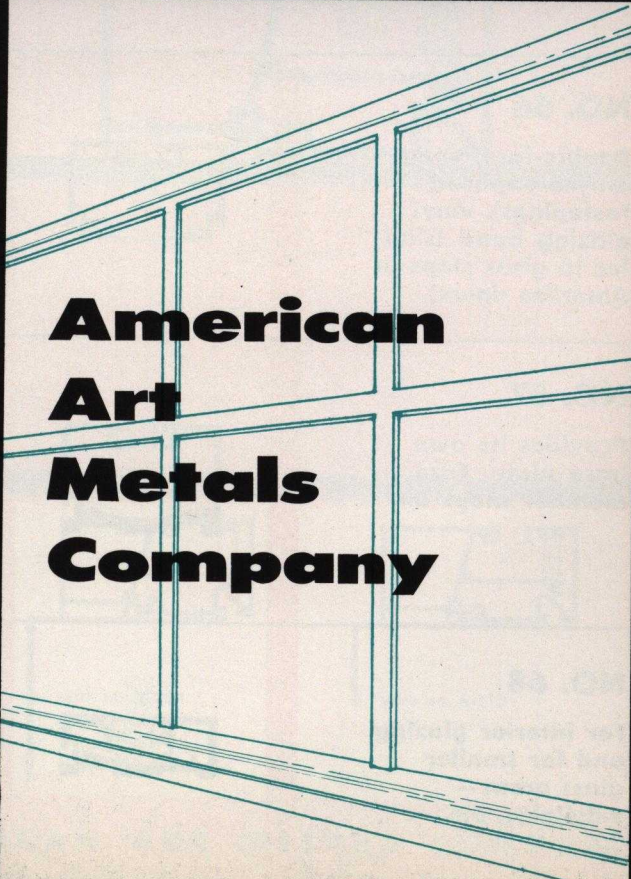
looks better... *longer!*

CATALOG 1959

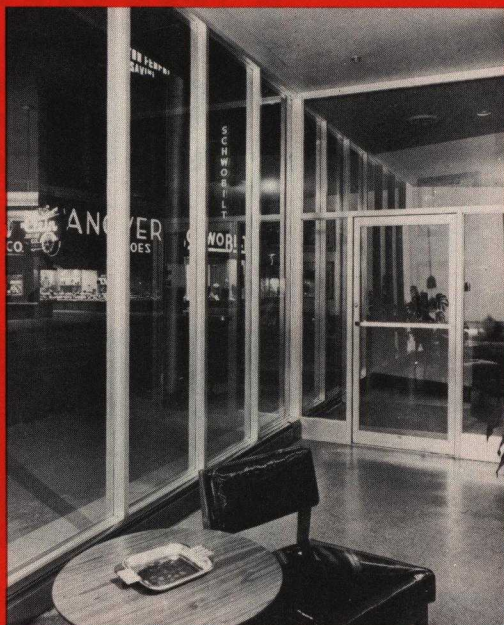
Copyright 1958 • American Art Metals Company

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Awning Covers	15
Entrances	(See catalog, "Amarlite Aluminum Entrances")



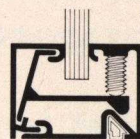
**American
Art
Metals
Company**



SASH INDEX

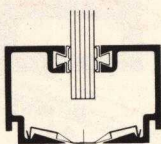
NO. 42

Versatile, narrow-face sash, symmetrical reveal.



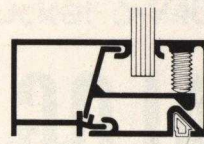
NO. 66

Double-face, snap-on (no exposed fastenings), vinyl glazing bead (similar to glass stops in Amarlite doors).



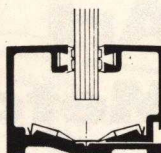
NO. 54

Face has deep reveal.



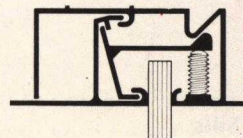
NO. 67

Provides its own base plate. Face member snaps on.



NO. 78

Recessed sash provides flush glazing line.



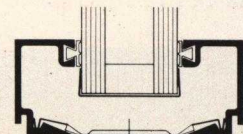
NO. 68

For interior glazing and for smaller glass areas — sidelights, etc.



NO. 90

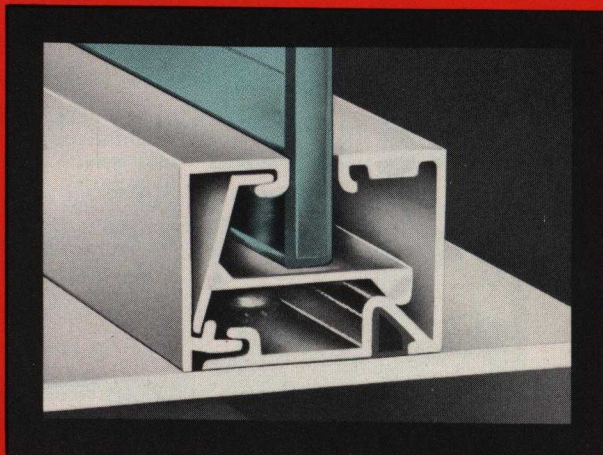
For double glazing.



The Amarlite store front metal line provides the perfect complement to Amarlite entrances. The members are extruded aluminum, polished, buffed and anodized ... the same incomparable alumilite finish which has become famous as a hallmark of Amarlite workmanship.

Throughout the Amarlite system of entrances and store fronts, aluminum extrusions are used exclusively, producing a high degree of uniformity and precision. Amarlite's extrusions provide the clean, sheer lines of beauty which facilitate fastidious delineation in architectural design. Their simplicity gains versatility.

Resiliency, at the points where it is desirable, is achieved through engineered coordination of three factors: a carefully selected aluminum alloy; closely calculated thicknesses; firm, adaptable fastenings.

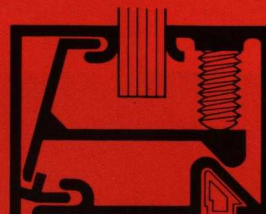
ALUMINUM
Store Fronts**SASH NO. 42**

Adaptable to many situations, No. 42 sash can be mounted on any of a dozen Amarlite sills, or it can be mounted directly on aluminum framing, using a tubular vinyl insert as a sealing gasket.

The wedge-tip clip holds the face member positively and without distortion.

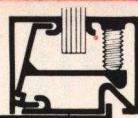
See page 13 for accessories (setting blocks, corner caps, snap-in clips, etc.)

see accessories on page 13

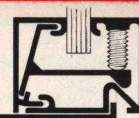


scale: full size

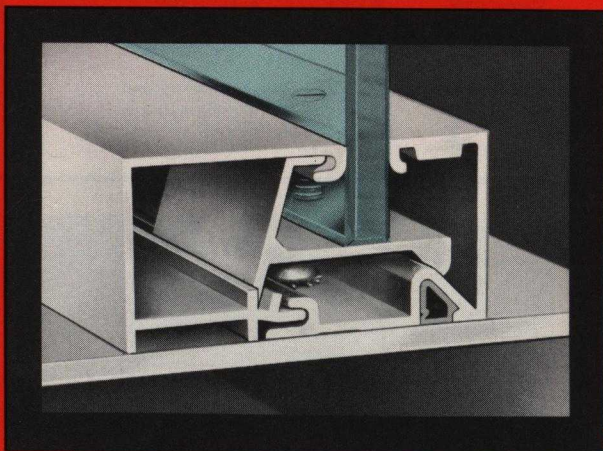
scale:
half size



with no. 6-203

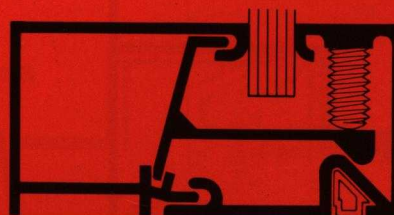


with no. 6-211

SASH NO. 54

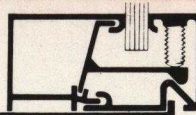
Similar to No. 42, but with a deeper reveal, No. 54 sash can be mounted on either framing members or the deeper sills and jambs illustrated on page 9.

see accessories on page 13

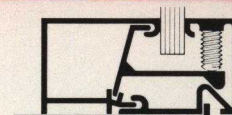


scale: full size

scale:
half size



with no. 6-204

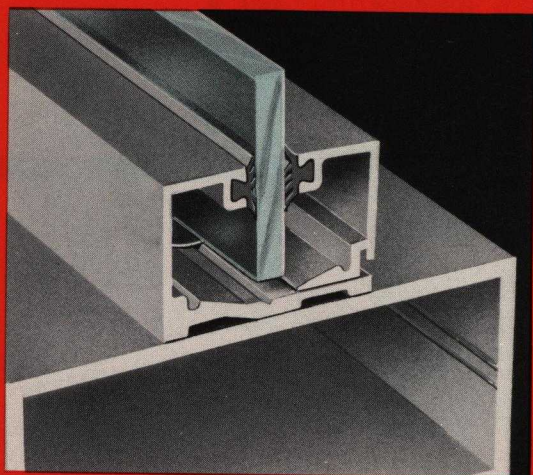


with no. 6-212

AMARLITE

SASH NO. 66, 67, 68

With no exposed fastenings and with vinyl inserts for dry-set glazing, Amarlite snap-on sash provides a match for glass settings of Amarlite doors.



see accessories on page 13

no. 67
on 428-52

Snap-on assembly permits simple and quick installation on any of the sills and base plates shown on page 9.

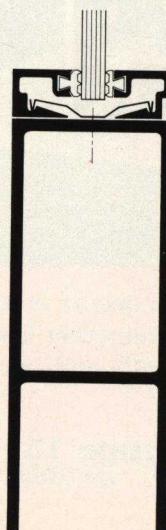
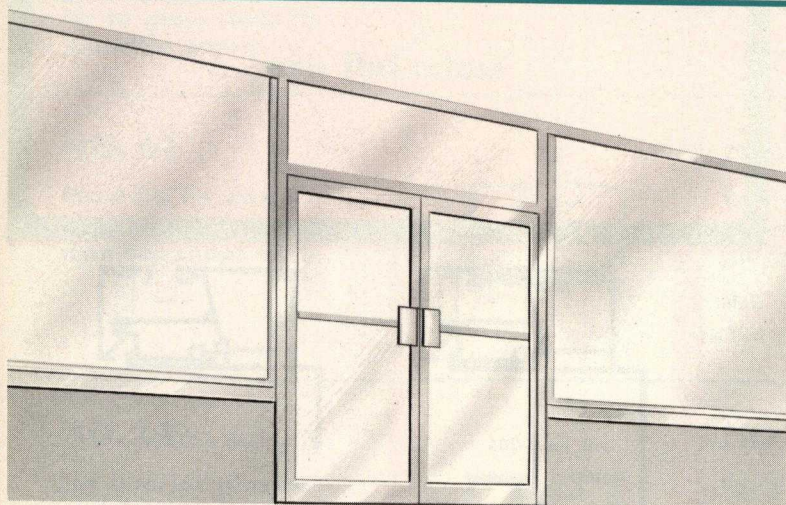
scale: full size

scale: half size

half sash 6-151
jamb no. 6-401

sash no. 66
with sill no. 6-202

sash no. 68
for interior glazing and
for smaller glass areas,
sidelights, etc.

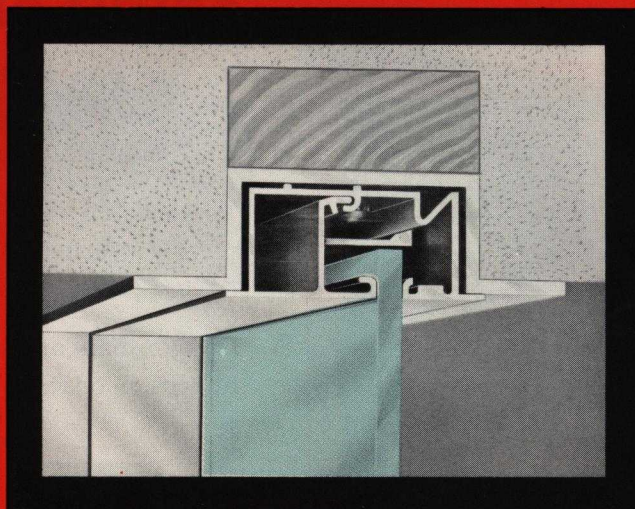


matched glazing

The Amarlite system of dry-set resilient glazing is now available for the complete store front—doors, transoms, sash, and division bars. Vinyl glazing strips, keyed into the extruded aluminum mouldings, hold glass firmly, quietly and permanently.

SASH NO. 78**RECESSED SASH**

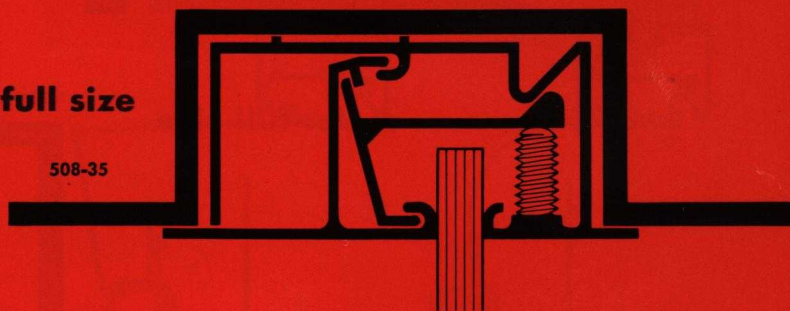
To provide the maximum glass area and the minimum sight line, No. 78 sash fits into a recess which is roomy enough to allow for the convenient placement of glass. The reveal of the sash, interior and exterior, is practically flush with the surface of the wall, jamb, or ceiling into which the recess is constructed.

**ALUMINUM**
Store Fronts

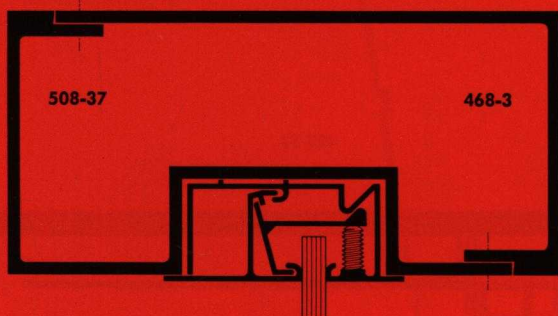
see accessories,
page 13

scale: full size

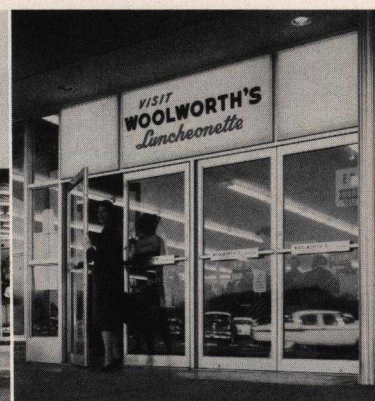
508-35



scale: half size



Spring Clip No. 6-142

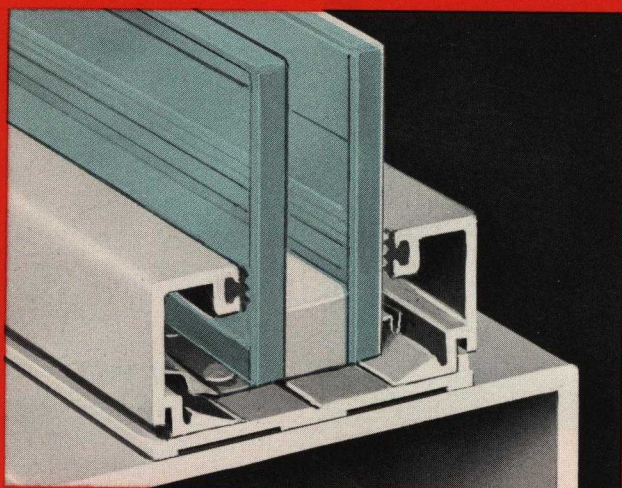


DOUBLE GLAZING SASH

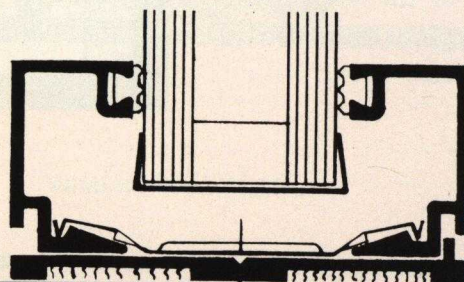
For use with 1" dual panels of glass (such as Thermopane, Twindow, etc.) No. 90 sash, with its vinyl glazing strips, holds glass firmly.

The snap-on clips for this double glazing sash may be attached to the special sill (no. 6-215) or to the special base plate (no. 6-216).

Division bars and corner bars also are available to accommodate 1" dual glazing.

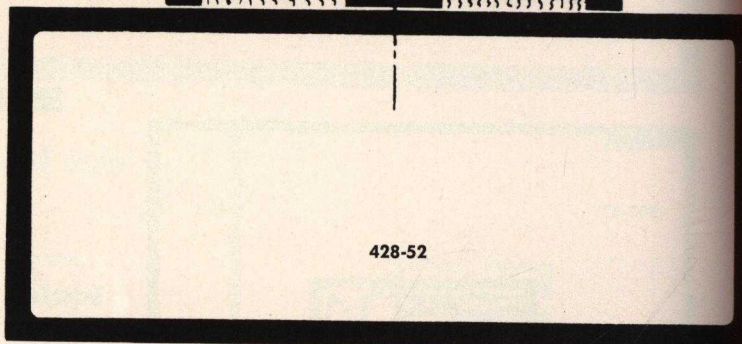


scale: full size



sash no. 90

base plate
no. 6-216



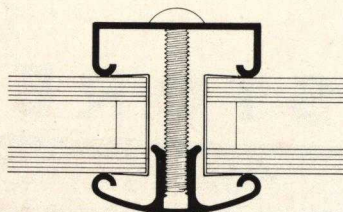
typical assemblies

base plate
no. 6-216

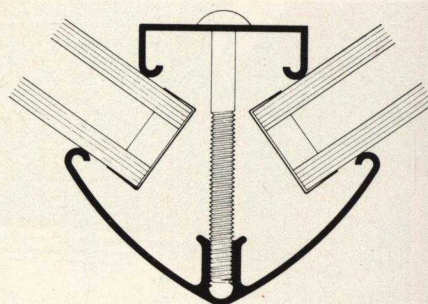


scale: half size

division bar
no. 11-D-1

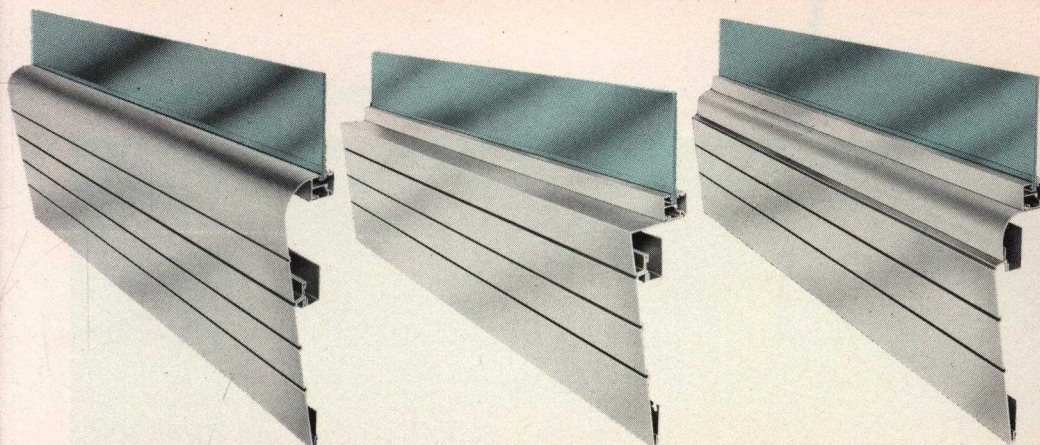


corner bar
no. 16-D-1



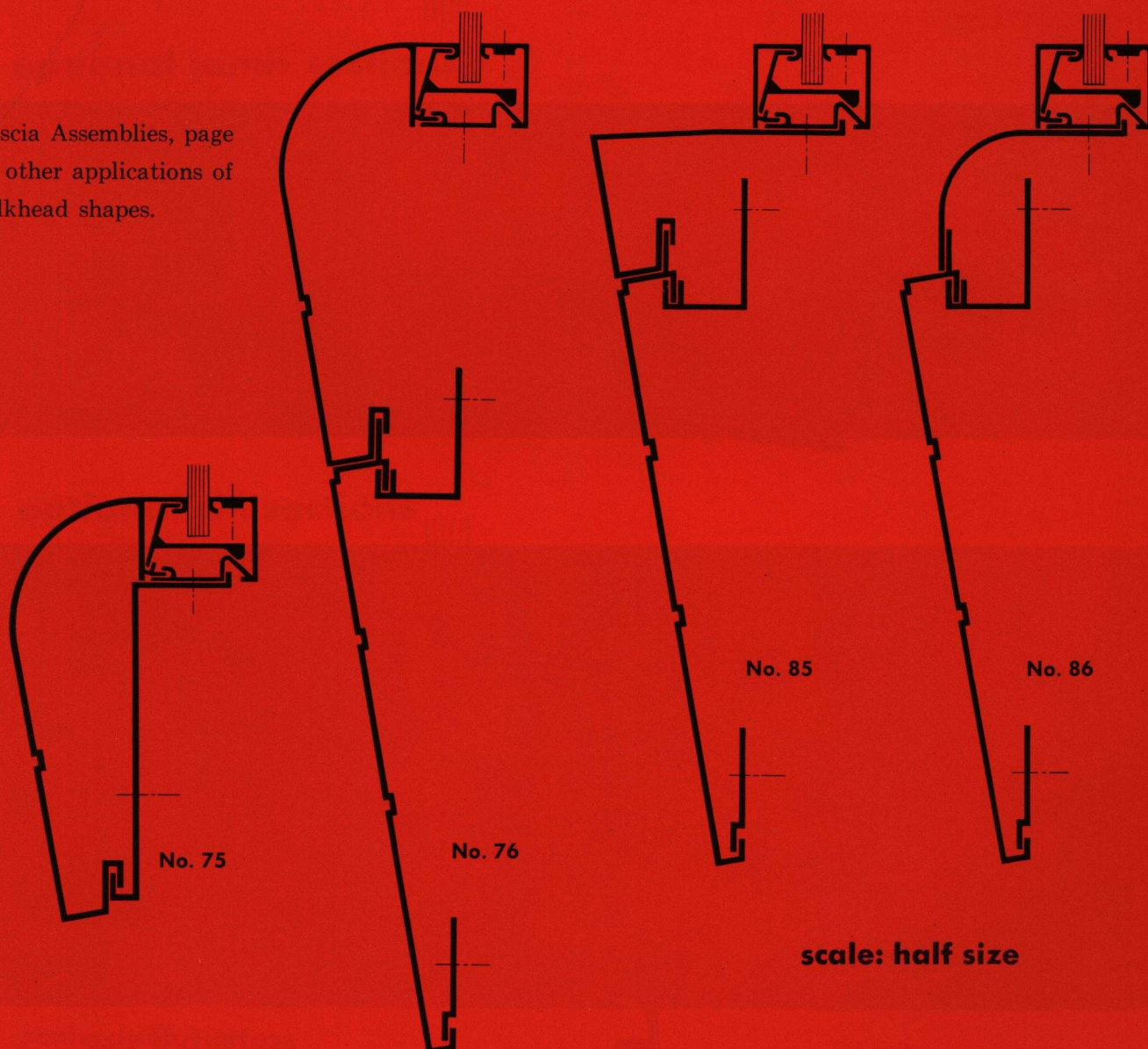
FASH-SILL AND BULKHEAD ASSEMBLIES

ALUMINUM Store Fronts



For a touch of substantial elegance, use one of these handsome Amarlite bulkheads. They may be used to surround an opening, creating the effect of a large picture frame. The aluminite finish is particularly striking and attractive in these large sections.

See Fascia Assemblies, page 14, for other applications of the bulkhead shapes.



scale: half size

head jambs

Head Jamb No. 6-401
with Half Sash No. 6-131

side jambs

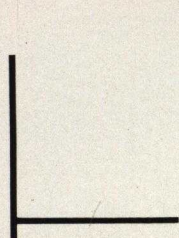
Side Jamb No. 6-301
with Half Sash No. 6-131

sills

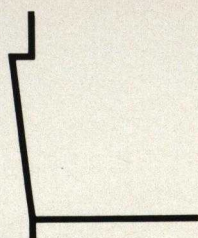
Sill No. 6-201
with Sash No. 42

scale: full size

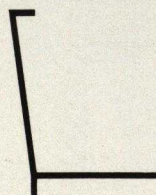
optional head sections



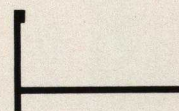
6-402



6-401

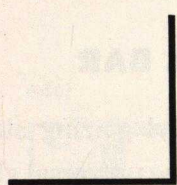


6-412

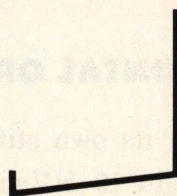


6-411

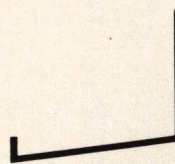
optional jamb sections



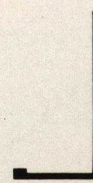
6-302



6-301

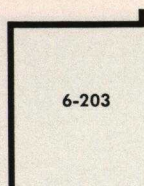


6-312

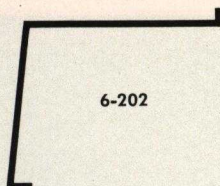


6-311

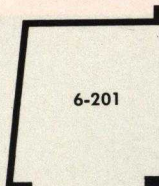
optional sill sections



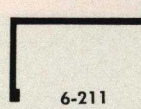
6-203



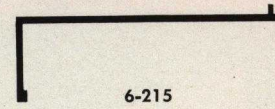
6-202



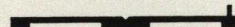
6-201



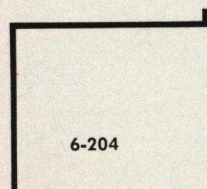
6-211



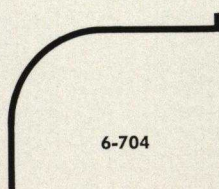
6-215
(For Double Glazing Sash)



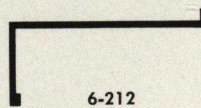
6-216
(For Double Glazing Sash)



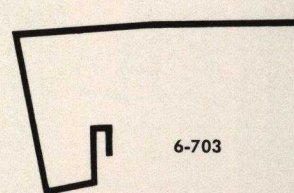
6-204



6-704



6-212



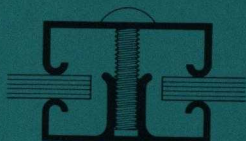
6-703

scale: half size

AMARLITE**DIVISION BARS AND CORNER BARS**

The outstanding characteristic of Amarlite division bars and corner bars is their versatility. Sturdiness and simplicity are also evident.

These bars, in conjunction with appropriate Amarlite sash assemblies can be used for an infinite variety of horizontal, vertical and angular arrangements of glass.

vertical division bar

10-V



11-V

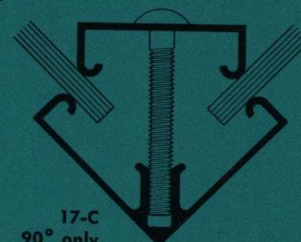
Recommended Maximum Height 8'-0"

HORIZONTAL OR VERTICAL BAR

Providing its own stiffener and vinyl glazing strips, the Amarlite 19-HV division bar is the universal glass-dividing and glass-supporting member. It offers the benefits of the Amarlite dry-set glazing system as used in No. 66 sash, Model E doors, and standard transom and side light units.

corner bar

16-C
90° to 120°
Rec. Max. Ht. 8'-0"



17-C
90° only
Rec. Max. Ht. 8'-0"



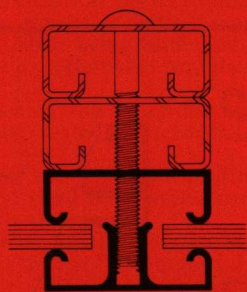
11-C
120° to 180°
Rec. Max. Ht. 8'-0"



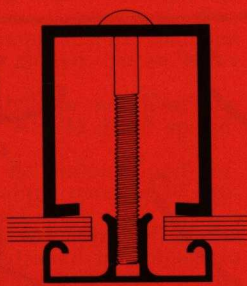
18-C
90° to 160°
Rec. Max. Ht. 8'-0"

STIFFENERS

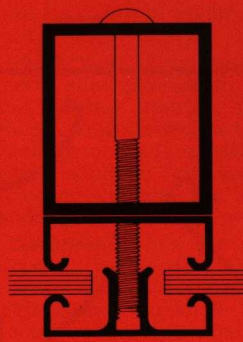
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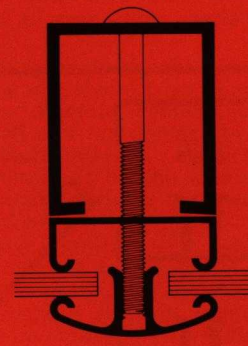
6-520
6-520
10-V
Rec. Max. Ht. 13'-0"



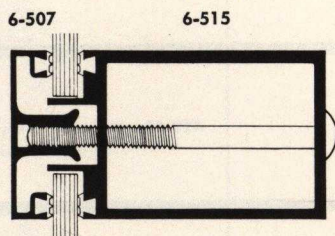
6-512 / 6-501
Rec. Max. Ht. 10'-0"



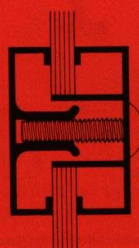
6-511
10-V
Rec. Max. Ht. 13'-0"



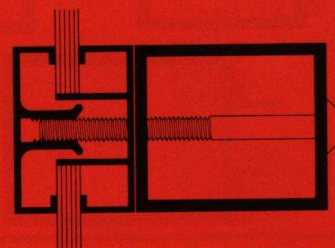
6-512
11-V
Rec. Max. Ht. 12'-0"



19-HV
Rec. Max. Ht. 13'-0"

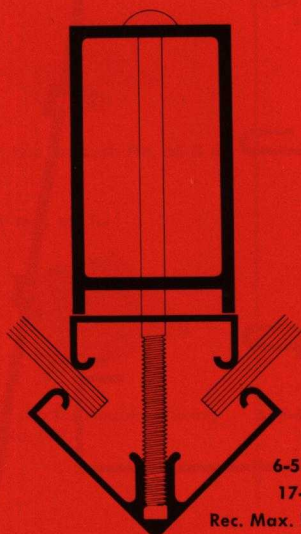


14-H

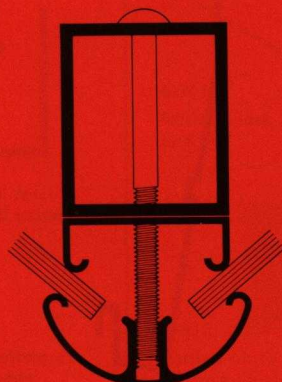


14-H / 6-511

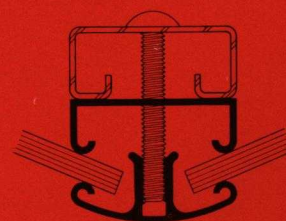
horizontal division bar



6-514
17-C
Rec. Max. Ht. 14'-0"

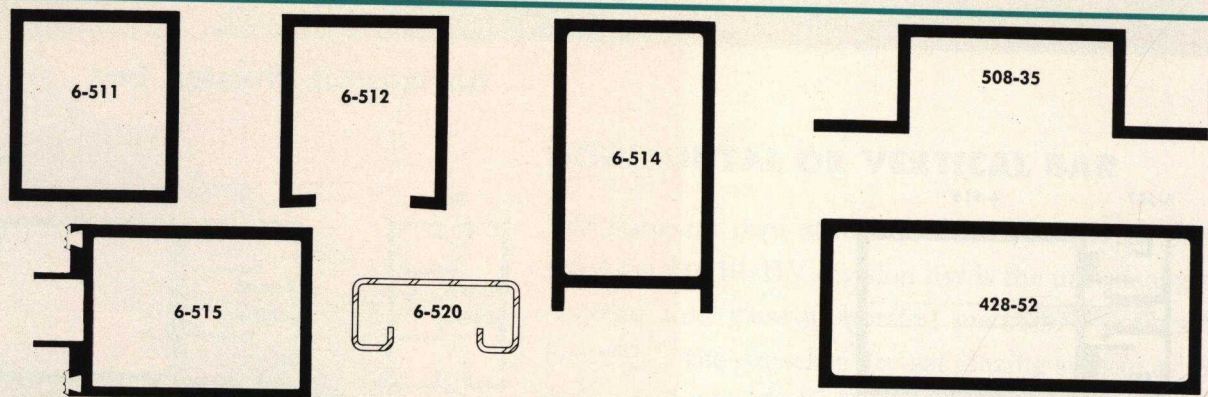
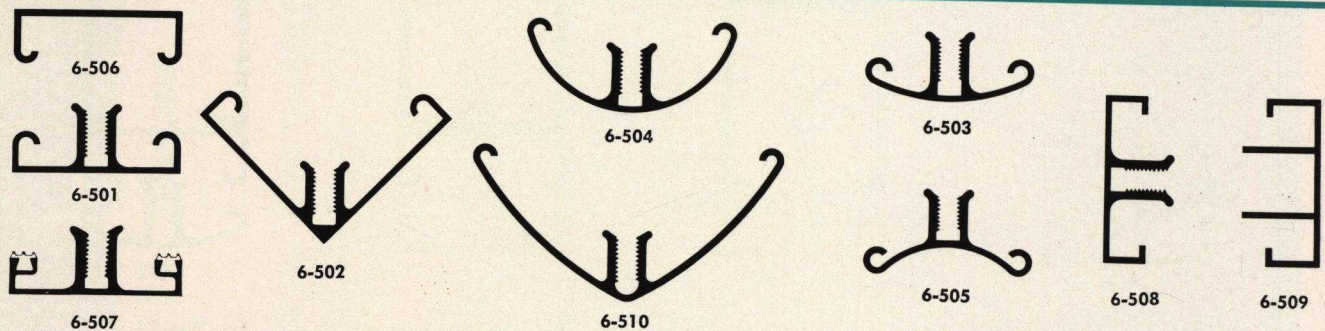
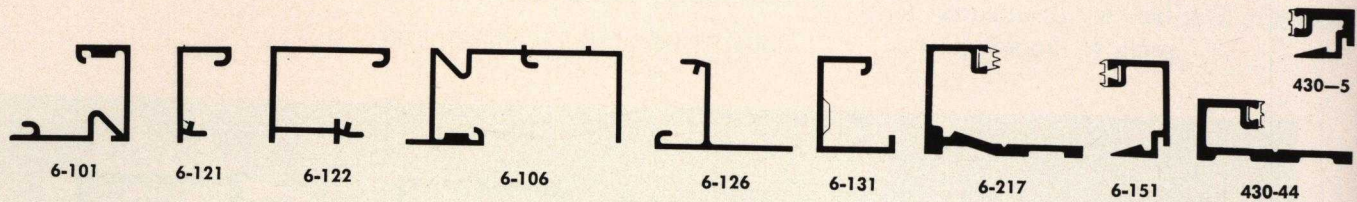


6-511
16-C
Rec. Max. Ht. 13'-0"



6-520
11-C
Rec. Max. Ht. 9'-0"

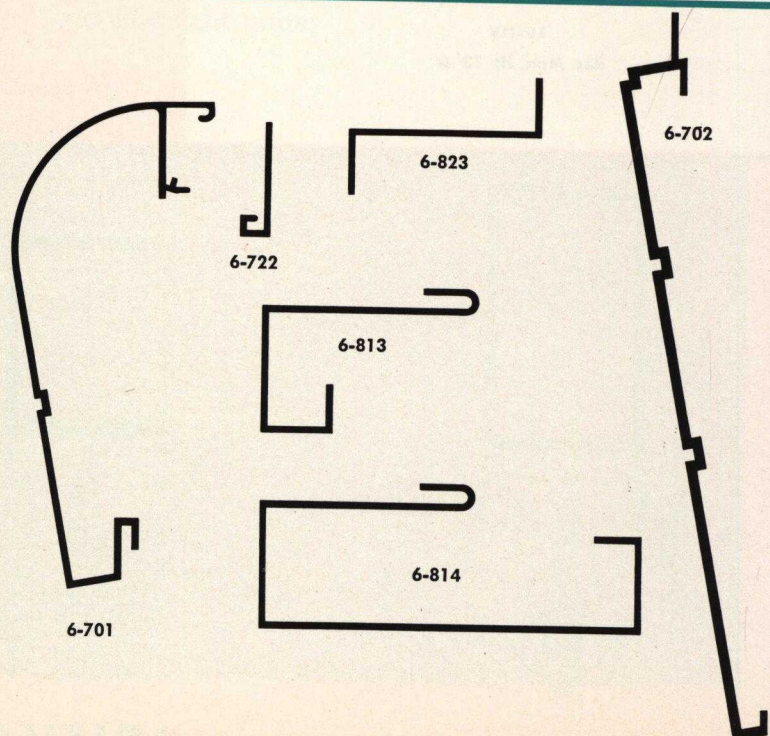
scale: half size



These are the shapes which are shown elsewhere in this catalog only as components of sash and division bar assemblies. They may have uses in combinations other than those illustrated in this catalog, and, therefore, they are available in 22' stock lengths, Alumilite finished.

Other Amarlite Stock Shapes

For a wide variety of stock extrusions, in larger sizes, see pages 14 and 15 of your Amarlite Entrances catalog for 1959.



ALUMINUM

Store Fronts

1. SCOPE. Store front metal components shall be AMARLITE as manufactured by American Art Metals Company, Atlanta, Georgia.

Installation, glass and glazing shall be by Glazing contractor.

2. MATERIALS. All sections of store front metal shall be extruded from Architectural Aluminum Alloy No. 6063-T5.

Fastenings shall be of aluminum alloy, stainless steel or carbon steel, cadmium or chromium plated.

3. FINISH. All exposed surfaces shall have A-1 Alumilite finish (Alcoa specification 204A1), polished and buffed, lustrous and free of die marks, grinding marks, spots, streaks and other blemishes. After being buffed, the aluminum surface shall not be etched or otherwise roughened or altered before being anodized.

Thickness of the Alumilite coating shall be not less than .0005 inches, tested in accordance with ASTM B110 specifications.

Sealing of the Alumilite coating shall be complete and permanent and shall not require further sealing, painting or preservative treatment.

Samples of finish shall be submitted for approval of the architect. Finish of all material installed shall be subject to comparison with sample and shall be rejected if not comparable.

4. WORKMANSHIP. All joints shall be fitted accurately, neatly and securely. All cut ends shall be true and accurate and free of burrs or rough edges.

5. PREPARATION FOR ERECTION. Where aluminum is to be placed in contact with masonry, steel, wood, concrete, or other dis-

similar materials, the aluminum shall be back-painted, before erection, with an approved bituminous paint.

6. ERECTION. All items included under the heading of Store-fronts shall be installed in correctly prepared openings, according to the manufacturer's recommended installation instructions. They shall be set plumb, square and level in correct alignment with floors, ceilings, walls and other work. They shall be securely anchored and all sash joints shall be water-tight.

7. PROTECTION. To prevent damage to finish, the general contractor shall protect all aluminum surfaces from contact with lime, plaster, mortar, terrazzo, concrete, cement, acids and other harmful substances as well as from damage by careless handling of tools, machinery and materials. Protection procedure shall be followed as prescribed by the manufacturer, including the covering of aluminum surfaces with waterproof masking tape and/or petroleum jelly.

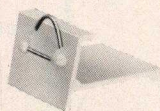
8. CLEANING. When the protective materials have served their purpose, the General Contractor shall be responsible for the removal of such materials and the cleaning of all aluminum.

All aluminum shall be thoroughly cleaned, following the procedure recommended by the manufacturer, including washing with mineral spirits, followed by washing with mild soap and water. No abrasive or caustic or acid cleaning agents shall be used.

SUGGESTION TO OWNER: Wax, applied and polished as recommended for automotive finishes, will help prevent adherence of dirt to aluminum surfaces and make periodic cleaning easier.

ACCESSORIES

clips



6-141
Wedge-clip for holding sash members together

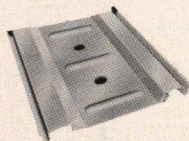


6-142
Snap-in clip for holding glass in place



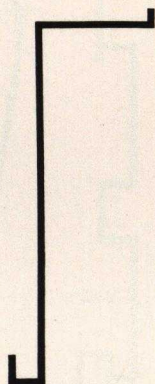
6-143
Snap-in clip for sash No. 66 & 67

2760
Clip for sash no. 68

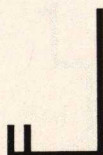


6-144
Snap-in clip for double glazing (Nash No. 90)

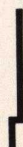
continuous clips



6-714
Continuous clip for No. 75 sash-sill assembly

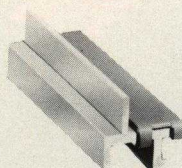


6-721
Continuous clip for No. 76 sash-sill assembly

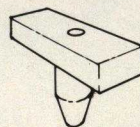


6-723
Continuous clip for bottom of No. 76 sash-sill assembly

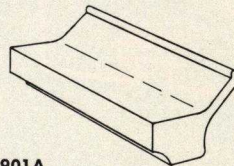
setting blocks



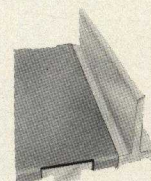
6-909
Setting block for sash No. 66 and 67.



6-908
Setting block for sash no. 68

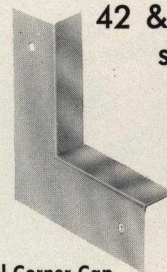


6-901A
Setting block for sash No. 42 and 54

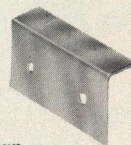


6-910
Setting block for sash No. 90 (double glazing)

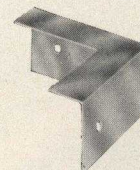
corner caps for no. 42 & 66 sash



6-159
Vertical Corner Cap



6-166
Splice Cap



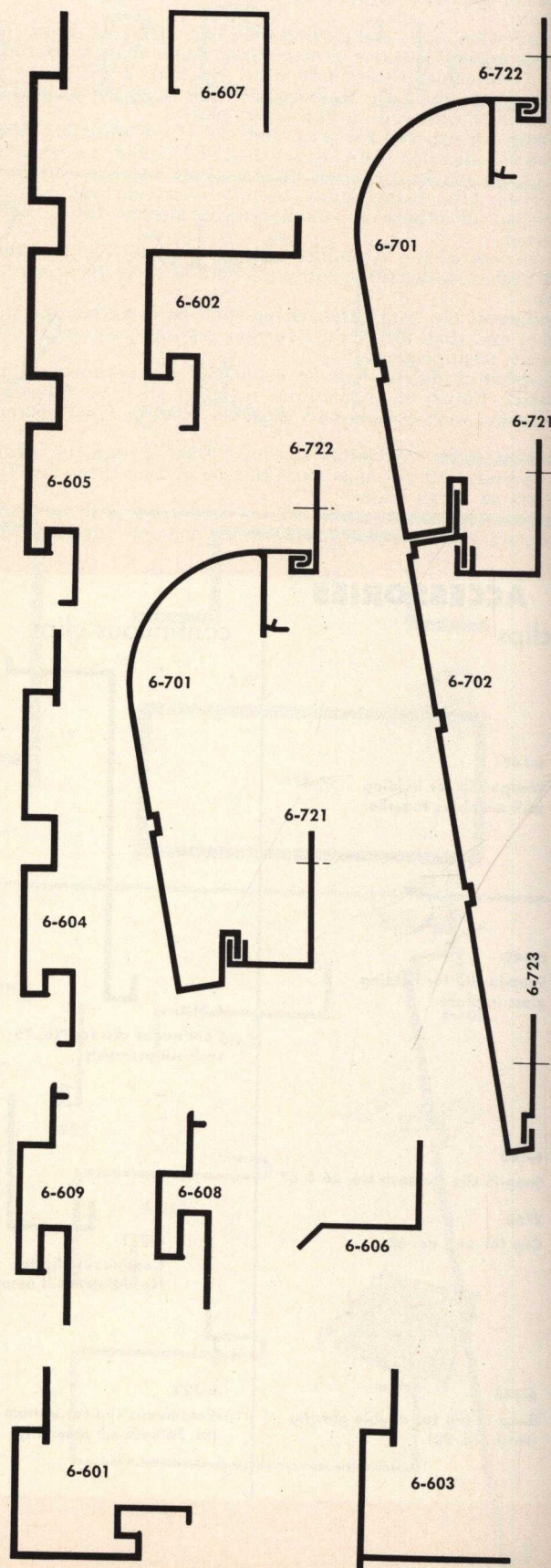
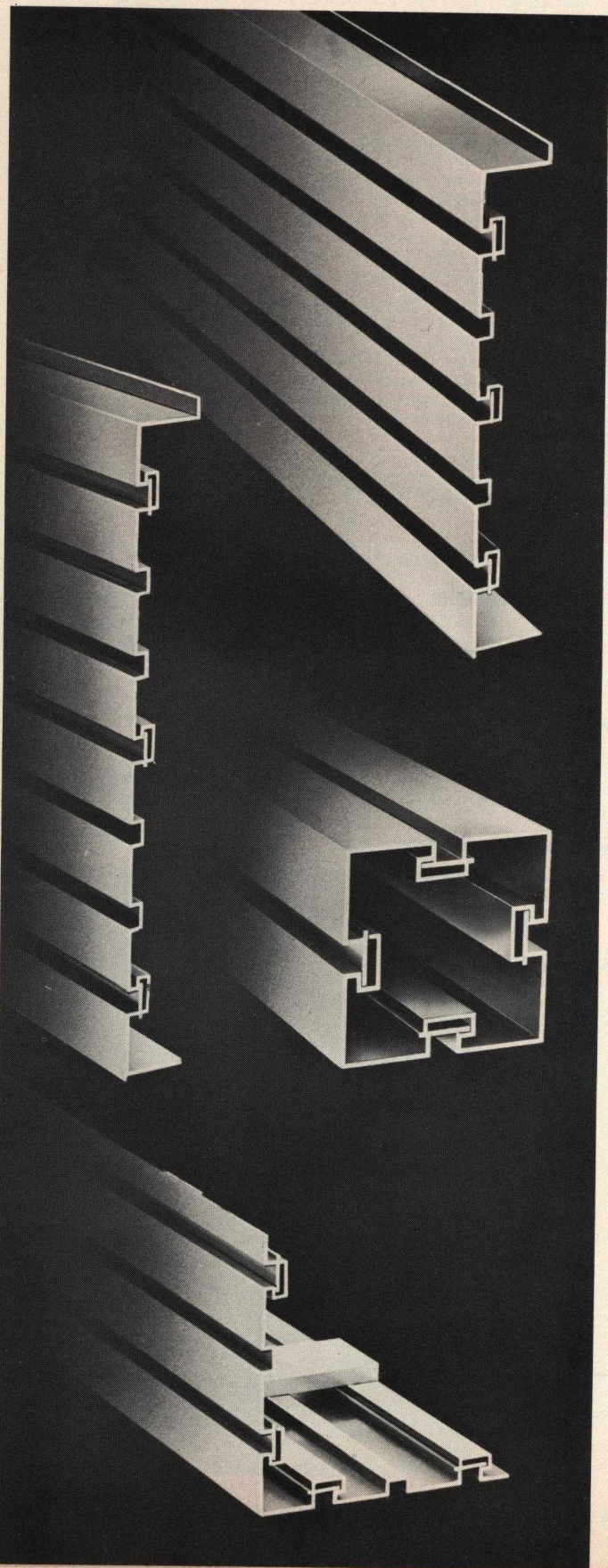
Horizontal Corner Cap
90° Corner, 6-160
105° Corner, 6-161
120° Corner, 6-162
135° Corner, 6-163
150° Corner, 6-164
165° Corner, 6-165

AMARLITE

Designed for application where the touch of elegant simplicity is desired. Interlocking members of precisely extruded alloy provide an effective combination of clean lines and beautiful finish.

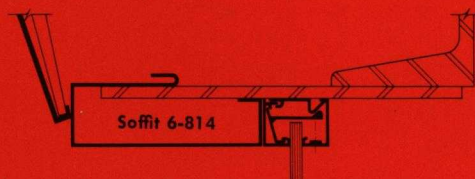
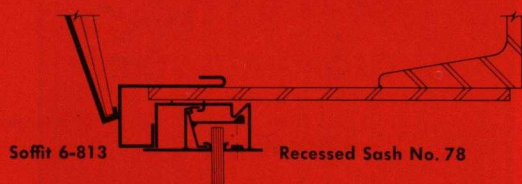
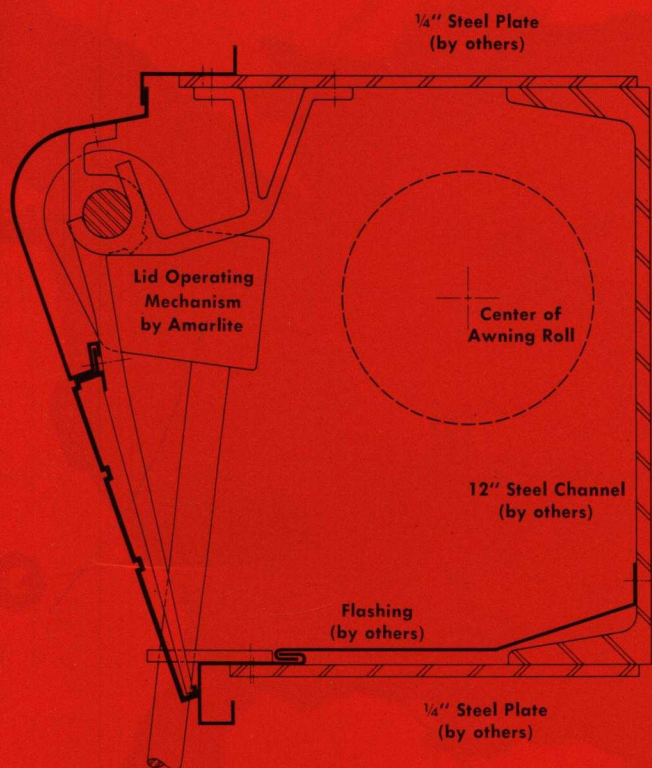
FASCIA

scale: half size

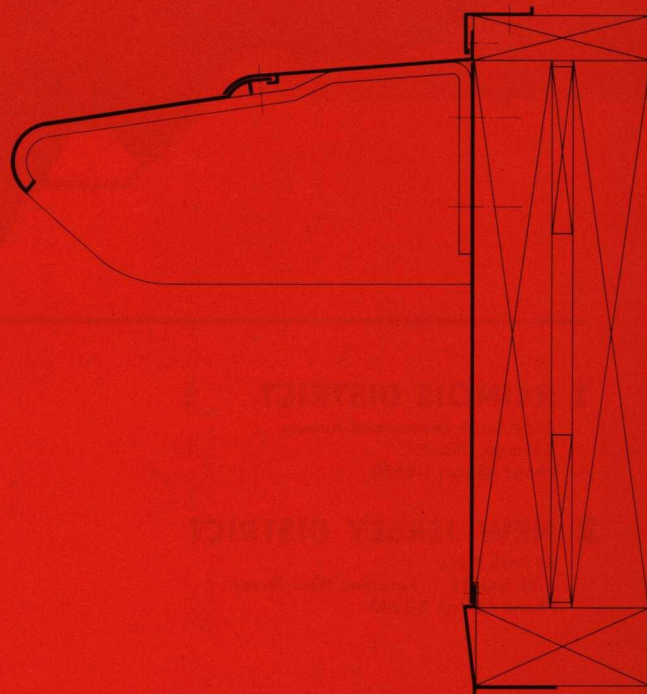


CONCEALED AWNING BAR

ALUMINUM
Store Fronts

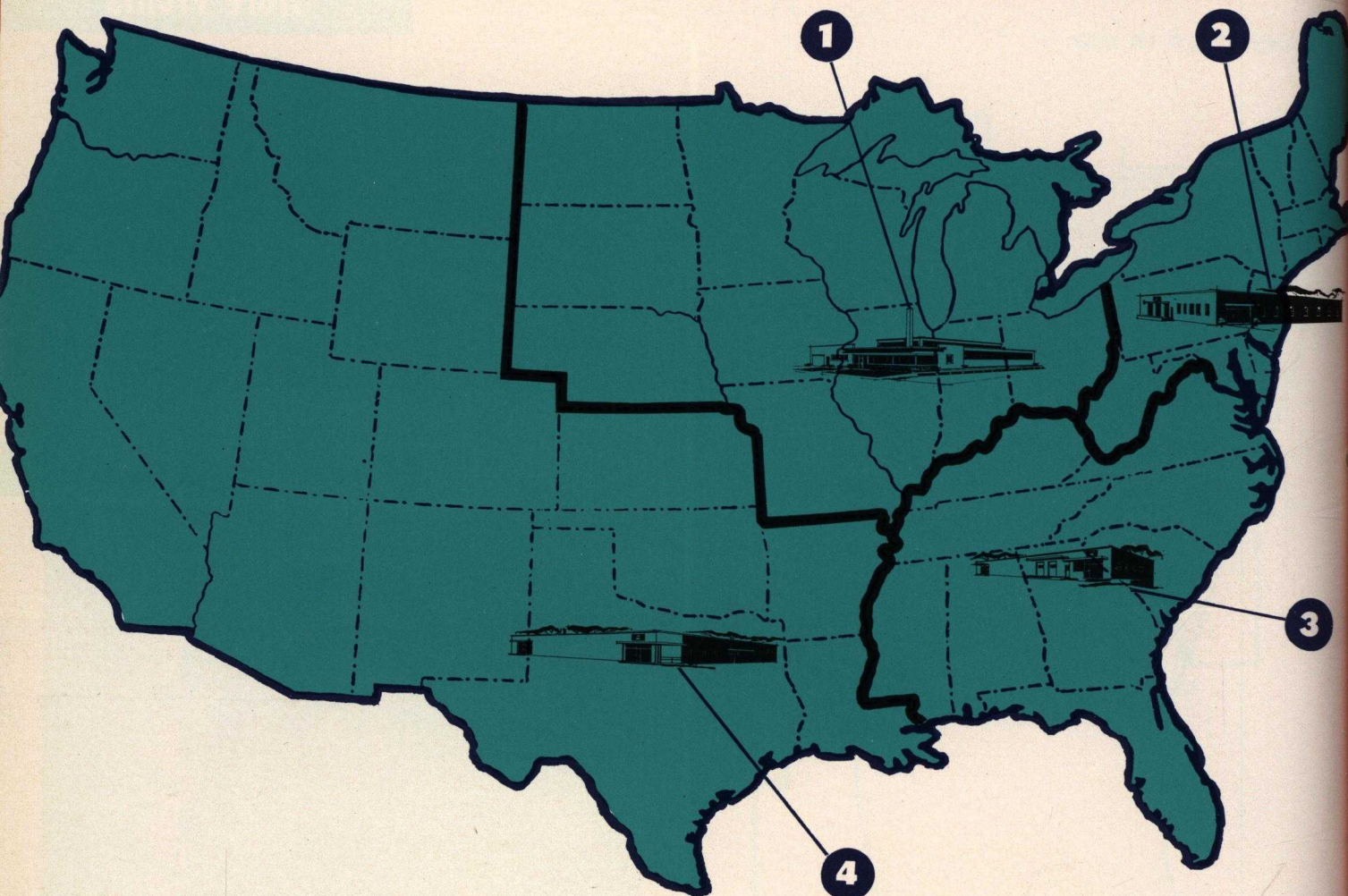


AWNING HOOD NO. 102



scale: 3"=1'0"

SALES OFFICES AND WAREHOUSES



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Chicago, Illinois
Phone REgent 1-6050

2 NEW JERSEY DISTRICT

20 Park Place
P. O. Box 25 • Paramus, New Jersey
Phone COlfax 2-1540

3 GEORGIA DISTRICT

763 Trabert Avenue, N.W.
P. O. Box 7364, Station C • Atlanta, Georgia
Phone TRinity 6-3628

4 TEXAS DISTRICT

8100 Chancellor Row
P. O. Box 10034, Industrial Station • Dallas, Texas
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